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08/14/01

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A

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08/13/01

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No.

00-0754.02

First Inventor

Koy B. Cook, Jr.

Title

Radiation Sensing Integrated Circuit Device and Method

Express Mail Label No.

EK828716676US

(Only for new non-provisional applications under 37 CFR 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27
3. ☒ Specification [Total Pages **23**]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **14**]
5. Oath or Declaration [Total Pages **2**]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in prior application, see 37 C.F.R.  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: .....

Prior application information: Examiner: ..... Group / Art Unit: .....

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

(Insert Customer Number or Bar Code Label here)

or ☐ Correspondence address below

Name	Lanier Ford Shaver & Payne				
Address	200 West Side Square, Suite 5000				
City	Huntsville	State	AL	Zip Code	35801
County	Madison	Telephone	(256) 535-1100	Fax	(256) 533-9322
Name (Print/Type)	Ann I. Dennen		Registration No. (Attorney/Agent)		44, 651
Signature			Date	August 13, 2001	

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231

JC997 U.S. PTO  
09/928388  
08/13/01

**FEE TRANSMITTAL  
for FY 2001***Patent fees are subject to annual revision***TOTAL AMOUNT OF PAYMENT** (\$555.00)**Complete if Known**

Application Number

Filing Date

August 13, 2001

First Named Inventor

Koy B. Cook, Jr.

Examiner Name

Group Art Unit

Attorney Docket No.

00-0754.02

**METHOD OF PAYMENT**

1.

☒

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit  
Account  
Number

50-0686

Deposit  
Account  
Name

Lanier Ford Shaver &amp; Payne PC

☒Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17☒Applicant claims small entity status.  
See 37 CFR 1.27

2.

☐

Payment Enclosed:

☐

Check

☐

Credit Card

☐Money  
Order☐

Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Small Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
101	710	201	355	Utility filing fee
106	320	206	160	Design filing fee
107	490	207	245	Plant filing fee
108	710	208	355	Reissue filing fee
114	150	214	75	Provisional filing

**FEE PAID**

355.00

**SUBTOTAL (1)**

(\$355.00)

**2. EXTRA CLAIM FEES**

Total Claims	16	-20** =	0	x	0	=	0
Independent Claims	8	-3** =	5	x	40	=	200
Multiple Dependent							

Large Entity Fee Code	Small Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	2074	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$555.00)

*\*\* or number previously paid, if greater; FOR Reissues, see above***3. ADDITIONAL FEES**

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	242	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	720	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for Expedited examination of a design application	

Other fee (specify)

Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$0.00)

**SUBMITTED BY**

Name (Print/Type)

Ann I. Dennen

Registration No.  
Attorney/Agent

44,651

Telephone

Complete (if applicable)

256/535-1100

Signature



Date

August 13, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038, Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Express Mail Label No. EK828716676US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Koy B. Cook, Jr. §  
§  
Confirmation No.:  
Application No.: § Group/Art Unit:  
Filed: August 13, 2001 § Examiner:  
For: *Radiation Sensing Integrated Circuit Device*  
*and Method*

BOX NON-PROVISIONAL PATENT APPLICATION

Assistant Commissioner for Patents  
Washington, D.C. 20231

Applicant, by and through his attorney, hereby submits the following documents:

1. Application Data Sheet (2 pages)
2. Utility Patent Application Cover Sheet;
3. Fee Transmittal (w/1 copy);
4. Non-Provisional Patent Application (23 pages);
5. Drawings [14 sheets]{23 figures};
6. Declaration; and
7. Return receipt postcard

Respectfully submitted,



Ann I. Dennen

Registration No. 44, 651

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